



Municipality of Metropolitan Seattle

Exchange Building • 821 Second Ave. • Seattle, WA 98104-1598

June 9, 1987

Mr. James C. Brown
ASSISTANT SUPERINTENDENT
ALASKAN COPPER WORKS
PO Box 3546
Seattle, Wa 98124

Dear Mr. Brown,

Enclosed are the analyses from Metro's most recent effluent sampling at your facility for our Heavy Metals Control Program. All values met Metro's discharge limits.

Metal values are in mg/L. Flow data (QM), when shown, is in gallons per day (GPD).

Thank you for your cooperation. If you have any questions, please contact this office at 684-2327 or 684-2341.

Very truly yours,

Denise M. Healy
Industrial Waste Investigator
Environmental Laboratories

DMH
Enclosure
Form 1

DESCRIPTION	STATION	SITE
ALASKAN COPPER WORKS	A4010	6TH AVE SOUTH

DATE	TIME	TYPE	ID
870528	1130	G	5823

		CONC (mg/l)	LBS
SILVER	AG	0.0040	
ARSENIC	AS <	0.0500	
CADMIUM	CD <	0.0020	
CHROMIUM	CR	0.6890	
COPPER	CU	0.3000	
NICKEL	NI	0.9700	
LEAD	PB	0.0400	
ZINC	ZN	0.0600	
PH	PH	10.0000	

KEY

PH is in standard units.

TYPE

G Grab sample.
 SH02 Series hourly sample representing 2 hours.
 CH24 Composite sample representing 24 hours.
 CH00 Composite sample based on flow.

VIOLATIONS

Exceeded limits but not legal violation.
 * Legal violation subject to enforcement action.
 \$ Legal violation - Slug violation.
 SLUG Concentrated discharge exceeding discharge limits by a factor of 10. Legal violation.

Laucks

Testing Laboratories, Inc.

940 South Harney St., Seattle, Washington 98108 (206)767-5060



Certificate

Chemistry, Microbiology, and Technical Services

CLIENT: Alaskan Copper Works
PO Box 3546
Seattle, WA 98124
ATTN: Jim Brown

LABORATORY NO: 4236

DATE: June 8, 1987

PO# M-2747

REPORT ON: LIQUID

SAMPLE

IDENTIFICATION: Submitted 5/29/87 and identified as shown below:

ID# 3200-M2747

TESTS PERFORMED AND RESULTS:

	<u>parts per million (mg/L)</u>
Zinc	0.052
Chromium	0.37
Copper	0.23
Nickel	0.85

Respectfully submitted,

Laucks Testing Laboratories, Inc.

J.M. Owens

JMO:dr

(SPLIT GRAB SAMPLE)



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AKC-0015655